

**From:** [Berg, Marlene](#)  
**To:** [Tzhone, Stephen](#)  
**Cc:** [Poore, Christine](#); [Crumbling, Deana](#); [Bartenfelder, David](#)  
**Subject:** Minutes of Arkwood Meeting 4/29/15  
**Date:** Wednesday, April 29, 2015 3:31:58 PM

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Steve T, Carlos, Chris V, Jon, Ghassan, and contract support  
Marlene and Deana.

### **Ground water tracer study.**

Region 6 has been working with Scott Huling from ORD/Ada who will be sending comments on tracer report.

Dave B is deferring to Ada.

### **Cleanup Levels**

- We support calculation of 730 pg/g for a soil screening level for industrial use and 12,100 pg/g for maintenance worker.
- Maintenance worker for current land use, industrial for future land use. As we consider both current and future land use in determining protectiveness, we support the use of 730 pg/g as a soil screening level for the site.

### **Principal Threat Levels**

- OSRTI will confirm with Region 6 that dioxin-contaminated soil beneath the soil cover does not constitute principal threat waste. This applies to toxicity of dioxin in soil, not mobility.
- PRP will need to demonstrate that 6 in soil cover can safely contain low-level waste w/r to direct contact and migration to ground water.

### **Site TEQ concentrations**

- Deana has provided rationale for why unadjusted, not adjusted, TEQ concentrations is appropriate.
- Deana has provided additional comments for the PRP; these comments do not actually affect TEQ concentrations.

### **Soil Cover**

- Unadjusted TEQ concentrations are below 730 pg/g

### **Site areas beyond soil cover**

- Unadjusted TEQ concentrations have been found above 730 pg/g for all DUs except DU for soil cover.

### **Beyond Site Boundary**

- Unadjusted TEQ concentrations have been found above 730 pg/g from DU 5 and DU 7 which are beyond site boundary.
- Additional work will be needed to determine extent of contamination/risk beyond site boundary in addition to DU 5 and DU 7 areas.



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